

IN THE CLAIMS

This listing of claims replaces all prior listings.

1. (Currently Amended) An ink-jet recording method in which recording is executed by discharging inks of a plurality of colors from a discharge opening as droplets of ink to be attached onto a recording material, the method comprising:

discharging ~~successive ink droplets inks~~ of a first color and a second color ~~[[at]]~~ with an interval of 50 msec to 200 msec or less therebetween;

using inks having a surface tension of 25 to 45 mN/m at 23°C and an ink solvent containing water for each of said inks; and

using a recording material having an ink absorption amount in 100 msec of 15 mL/m² or more.

2. (Previously Presented) The ink-jet recording method according to claim 1, further comprising:

discharging said inks using a line head.

3. (Previously Presented) The ink-jet recording method according to claim 1, wherein the recording material has an ink absorption amount in 100 msec between 15 and 99 mL/m².

4. (Currently Amended) An ink-jet printer in which recording is executed by discharging inks of a plurality of colors from a discharge opening as droplets of ink to be attached onto a recording material, comprising:

an interval between a discharge of a droplet of an ink of a first color and a discharge of a droplet of an ink of a second color is 50msec to 200 msec or less;

an ink surface tension of 25 to 45 mN/m at 23°C for said inks of each color;

an ink absorption amount of said recording material in 100 msec is 15 mL/m^2 or more;
and

an ink solvent containing water for said inks of each color.

5. (Previously Presented) The ink-jet printer according to claim 4, further comprising:

a line head to discharge the inks.

6. (Previously Presented) The ink-jet printer according to claim 4, wherein the ink absorption amount in 100 msec of said recording material is between 15 and 99 mL/m^2 .

7. (Previously Presented) The ink-jet printer according to claim 1, wherein the ink absorption amount of said recording material in 100 msec is between 15 and 40 mL/m^2 .

8. (Previously Presented) The ink-jet printer according to claim 4, wherein the ink absorption amount of said recording material in 100 msec is between 15 and 40 mL/m^2 .

9. (Previously Presented) The ink-jet printer according to claim 1, wherein the ink absorption amount of said recording material in 100 msec is between 18 and 40 mL/m^2 .

10. (Previously Presented) The ink-jet printer according to claim 4, wherein the ink absorption amount of said recording material in 100 msec is between 18 and 40 mL/m^2 .

11. (Previously Presented) The ink-jet printer according to claim 1, further comprising:

adding an organic solvent to said ink solvent,

wherein said organic solvent is 5 to 50% of a total mass of each of said inks.

12. (Previously Presented) The ink-jet printer according to claim 11, further comprising:

adding an organic solvent to said ink solvent,

wherein said organic solvent is 10 to 35% of the total mass of each of said inks.

13. (Previously Presented) The ink-jet printer according to claim 1, further comprising:

adjusting surface tension of each of said inks by adding one of an anion surfactant, a cation surfactant, a nonionic surfactant, and an ampholytic surfactant to each of said inks.

14. (Previously Presented) The ink-jet printer according to claim 1, further comprising:

adding one of a pH adjuster, an amine, chelating reagent, preservative, antirust, and ultraviolet absorber to each of said inks.

15. (Previously Presented) The ink-jet printer according to claim 4, wherein said ink solvent contains an organic solvent of 5 to 50% of a total mass of each of said inks.

16. (Previously Presented) The ink-jet printer according to claim 4, wherein said ink solvent contains an organic solvent of 10 to 35% of a total mass of each of said inks.